

## BURNER ASSEMBLY FOR A GAS-BURNING FIREPLACE

### ABSTRACT

A burner assembly that overcomes problems experienced in the prior art. One embodiment provides a burner assembly for burning a fuel gas from a gas source. The assembly has a burner body with a contoured upper surface and a burner pan with a gas inlet aperture therein. The burner body is connected to the burner pan. The burner body and burner pan are spaced apart to form a gas distribution chamber therebetween. The burner body has a plurality of gas apertures extending between the distribution chamber to an upper surface of the burner body. The gas apertures are positioned to allow the fuel gas to flow to selected areas on the burner body's upper surface for combustion to create a desired flame at selected locations relative to the upper surface. In one embodiment is a contoured upper surface with a plurality of peaks and valleys forming simulated coal or ember members.